

KTC H24V13

KTC 24 Inch FHD 1080P Computer Gaming Monitor User Manual

Model: H24V13

1. INTRODUCTION

Thank you for choosing the KTC 24 Inch FHD 1080P Computer Gaming Monitor. This manual provides essential information for setting up, operating, maintaining, and troubleshooting your new monitor. Designed for both professional gamers and everyday users, this monitor offers a superior visual experience with its advanced features and ergonomic design.

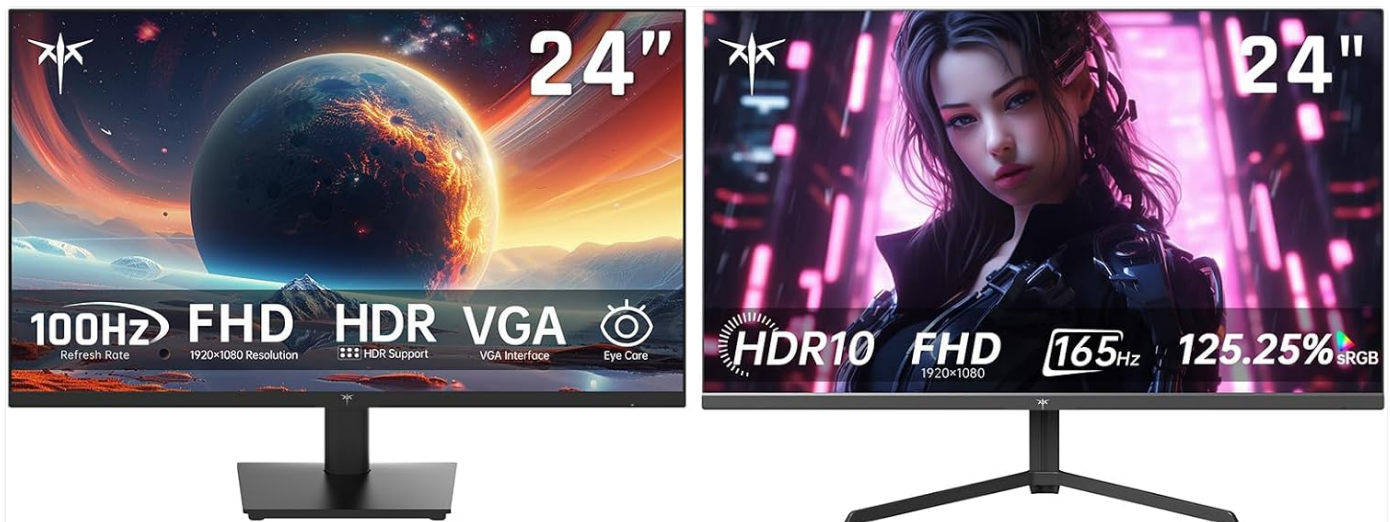


Figure 1.1: The KTC 24 Inch FHD 1080P Computer Gaming Monitor, showcasing its sleek design and 24-inch display. This image highlights the monitor's overall appearance and size.

Please read this manual thoroughly before using the product and retain it for future reference.

2. SAFETY INFORMATION

To ensure safe and optimal performance, please observe the following safety precautions:

- Do not expose the monitor to rain, moisture, or extreme temperatures.

- Avoid placing the monitor in direct sunlight or near heat sources.
- Ensure proper ventilation around the monitor to prevent overheating.
- Use only the power adapter supplied with the monitor.
- Do not open the monitor casing. Refer all servicing to qualified personnel.
- Clean the monitor with a soft, dry cloth. Avoid using abrasive cleaners or solvents.
- Position the monitor on a stable, level surface to prevent it from falling.

3. PACKAGE CONTENTS

Please check the package contents to ensure all items are present:

- KTC 24 Inch FHD 1080P Computer Gaming Monitor (H24V13)
- Monitor Stand (Base and Neck)
- Power Adapter and Power Cable
- HDMI Cable
- User Manual (this document)
- Warranty Card (if applicable)

4. SETUP

4.1 Assembling the Stand

1. Carefully remove the monitor from its packaging, keeping the screen protected.
2. Attach the stand neck to the monitor panel by aligning the grooves and securing with screws (if provided).
3. Connect the stand base to the stand neck and tighten the captive screw at the bottom of the base.
4. Place the assembled monitor on a stable, flat surface.

Flexible Connectivity & Tilt Adjustable

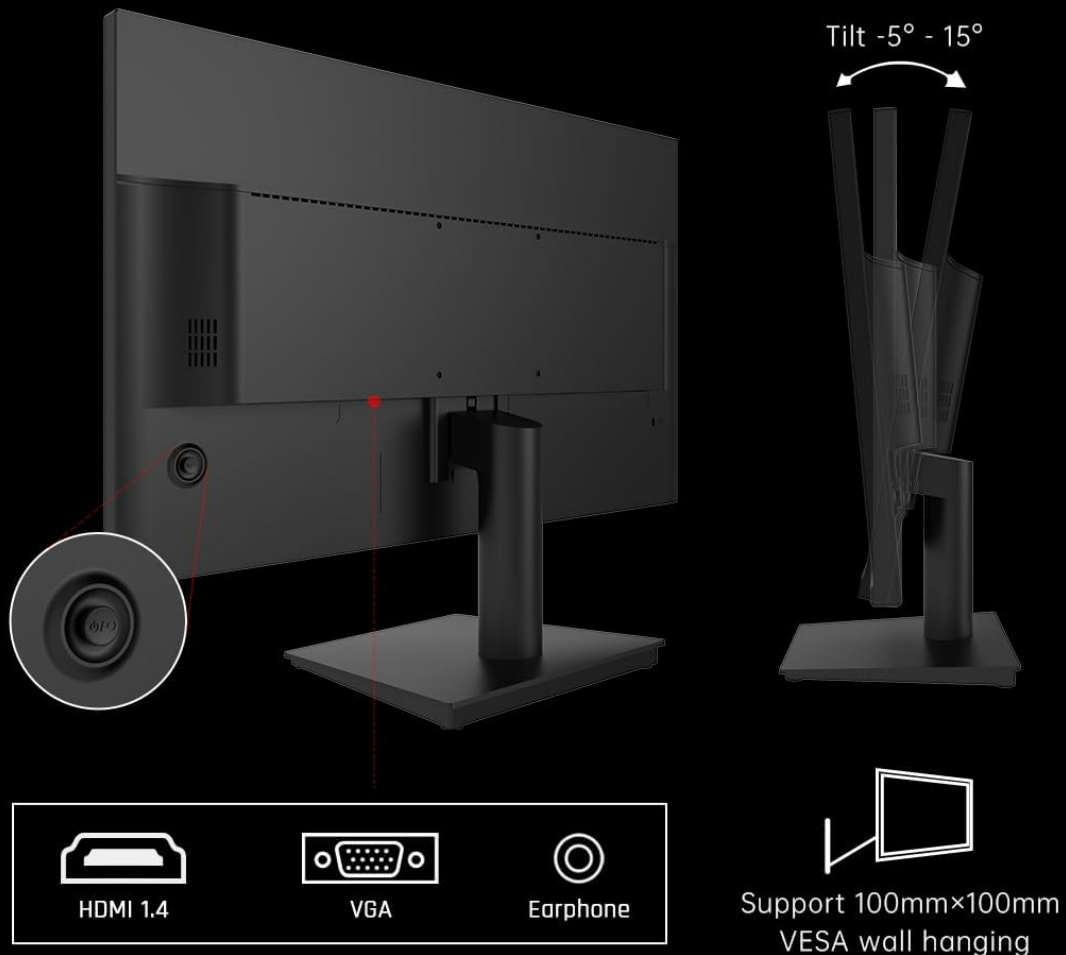


Figure 4.1: Illustration of monitor stand assembly and flexible tilt adjustment from -5° to 15°. The image also highlights HDMI 1.4, VGA, and Earphone ports, along with VESA 100mm x 100mm wall hanging support.

4.2 Connecting Cables

Connect the necessary cables to the corresponding ports on the back of the monitor and your computer/device.

- **Power Cable:** Connect the power adapter to the monitor's DC input port, then plug the power cable into a wall outlet.
- **Video Input:**
 - For optimal performance, use the provided HDMI cable to connect your computer's HDMI output to one of the monitor's HDMI ports.
 - Alternatively, use a DisplayPort cable to connect to the monitor's DisplayPort.
 - A VGA port is also available for older connections.
- **Audio Output:** Connect headphones or external speakers to the 3.5mm earphone jack for audio output.

Diverse Connectors

HDMI, DisplayPort, earphone jack and DC ports interfaces
for enhanced gaming connectivity



Figure 4.2: Overview of the monitor's diverse connectors, including HDMI, DisplayPort, earphone jack, and DC power ports, facilitating enhanced gaming connectivity with various devices like PCs, PlayStation, laptops, and Xbox.

4.3 Initial Power On and Configuration

1. Press the power button on the monitor to turn it on.
2. The monitor will automatically detect the active input source. If not, use the OSD joystick to manually select the input.
3. Adjust display settings as needed using the On-Screen Display (OSD) menu.

5. OPERATING THE MONITOR

5.1 OSD Menu Navigation

The monitor features a 5-way joystick control located on the back or bottom for easy navigation of the On-Screen Display (OSD) menu.

- Press the joystick in to open the OSD menu.

- Move the joystick Up/Down/Left/Right to navigate through menu options.
- Press the joystick in again to confirm a selection or enter a sub-menu.
- Move the joystick Left to go back to the previous menu or exit the OSD.

5.2 Picture Settings

Adjust various display parameters to optimize your viewing experience:

- **Brightness:** Adjust the overall luminance of the screen.
- **Contrast:** Control the difference between the brightest and darkest areas.
- **Color Temperature:** Select from preset modes (e.g., Warm, Cool, User) or adjust RGB values manually.
- **Picture Mode:** Choose from various presets like Standard, Game, Movie, Text, etc., for different content types.
- **HDR:** Enable or disable High Dynamic Range for enhanced contrast and color.



Figure 5.1: The monitor's ability to display content in stunning color with a wide range of colors, neat limitless hues, and HDR support, featuring 104% sRGB Color Gamut, 4000:1 Contrast Ratio, and 300 cd/m² Typical Brightness.

5.3 Gaming Features

The KTC monitor is equipped with features to enhance your gaming experience:

- **FreeSync Premium & G-Sync Compatible:** Synchronizes the monitor's refresh rate with your graphics card to eliminate screen tearing and stuttering, providing smoother gameplay. Ensure this feature is enabled in your graphics card settings.
- **Extreme Low Motion Blur (ELMB):** Reduces motion blur for sharp gaming visuals, especially in fast-paced scenes, by achieving a 1ms response time.
- **GAMEPLUS:** Access in-game enhancements directly from the OSD:
 - **Crosshairs:** Provides an on-screen crosshair for improved aiming accuracy in FPS games.
 - **Black Equalizer:** Enhances visibility in dark areas of the game without overexposing bright areas, allowing you to spot hidden details.
 - **Timer:** An on-screen timer for tracking in-game events.



Figure 5.2: Visual representation of the monitor's gaming capabilities, including FHD 1920x1080 resolution, 165Hz Refresh Rate, 1ms MPRT Response Time, AMD FreeSync support, and HDR10 compatibility, designed to fuel your gaming experience.

5.4 Eye Care Features

The monitor incorporates features to reduce eye strain during prolonged use:

- **Anti-Glare Screen:** Reduces reflections and glare from ambient light.
- **Blue Light Filter:** Minimizes harmful blue light emissions, which can contribute to eye fatigue. Adjust the level of blue light reduction through the OSD menu.
- **Flicker-Free Technology:** Eliminates screen flickering, further reducing eye strain.



Figure 5.3: The monitor's eye care features, including Low Blue Mode and Flicker-Free technology, designed to reduce glare and eye fatigue during extended use, as depicted with a user working on a spreadsheet.

5.5 Comprehensive Vision

The monitor's three-sided bezel-less design allows for a seamless multi-screen setup, providing an expansive and immersive viewing experience. The 178° viewing angle ensures consistent picture quality from various perspectives.

Enjoy Comprehensive Vision

Three-sided bezelless supports multiple screens, and the 178° viewing angle makes the pictures from different angles are more full



Figure 5.4: An example of a multi-monitor setup utilizing the KTC monitor's three-sided bezel-less design, demonstrating how it enables a comprehensive and immersive visual experience with a wide 178° viewing angle.

6. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your monitor.

- **Cleaning the Screen:** Gently wipe the screen with a soft, lint-free cloth. For stubborn marks, lightly dampen the cloth with water or a screen-specific cleaning solution. Never spray liquid directly onto the screen.
- **Cleaning the Casing:** Use a soft, dry cloth to wipe the monitor casing. Avoid using harsh chemicals or abrasive materials.
- **Ventilation:** Ensure the ventilation openings on the monitor are not blocked. Dust accumulation can be removed with a soft brush or compressed air.
- **Power Off:** Always turn off the monitor and unplug it from the power outlet before cleaning or if it will not be used for an extended period.

7. TROUBLESHOOTING

If you encounter issues with your monitor, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No Power	Power cable not connected; Power outlet faulty; Monitor off.	Ensure power cable is securely connected. Test the power outlet. Press the monitor's power button.
No Signal	Video cable not connected; Incorrect input source selected; Computer not on/sleeping.	Check video cable connections (HDMI/DP/VGA). Select the correct input source via OSD. Wake up or turn on your computer.
Flickering Screen	Loose video cable; Graphics card issue; Refresh rate mismatch.	Reseat video cable. Update graphics drivers. Adjust refresh rate in display settings.
Image is too dark/bright	Brightness/Contrast settings incorrect.	Adjust Brightness and Contrast settings in the OSD menu.
Colors are incorrect	Color temperature or picture mode settings incorrect.	Adjust Color Temperature or select a different Picture Mode in the OSD menu.

If the problem persists after trying these solutions, please contact KTC customer support.

8. SPECIFICATIONS

Detailed technical specifications for the KTC H24V13 monitor:

Feature	Description
Model Number	H24V13
Screen Size	24 Inches
Panel Type	Fast IPS
Resolution	1920 x 1080 (FHD 1080p)
Aspect Ratio	16:9
Refresh Rate	165Hz (supports 144Hz)
Response Time	1ms (ELMB)
Brightness	300 cd/m²
Color Gamut	125% sRGB
HDR Support	HDR 10
Adaptive Sync	FreeSync Premium & G-Sync Compatible
Viewing Angle	178°
Connectivity	HDMI 2.0 (x2), DisplayPort 1.4 (x2), VGA, Earphone Jack

Feature	Description
VESA Compatibility	100 x 100mm
Tilt Adjustment	-5° to 15°
Eye Care Features	Anti-Glare, Blue Light Filter, Flicker-Free

9. WARRANTY AND SUPPORT

KTC provides a limited warranty for this product. Please refer to the warranty card included in your package for specific terms and conditions. For technical support, troubleshooting assistance, or warranty claims, please contact KTC customer service through the official website or the contact information provided with your purchase.

You can also visit the [KTC Store on Amazon](#) for more product information and support resources.

